

# MEMORANDUM

October 16, 2006

**TO:** Interested Parties

**FROM:** Chris Carlson, Senior Fisheries Biologist

**SUBJECT:** Vernita Bar Redd Survey, October 15, 2006

**Discussion:** On Sunday, October 15, 2006 the first Vernita Bar ground redd count was conducted to determine the Initiation of Spawning for the zones below and above the 50 kcfs elevation. The monitoring team representatives consisted of Paul Hoffarth (WDFW) and Chris Carlson (GCPUD). Flows from Priest Rapids Dam at Vernita Bar were about 40 kcfs. Results of this survey are provided in the table below.

<u>Transect</u>	----- Redd Count by Flow Level (kcfs) -----						Total Number Of Redds
	<u>(36 – 50)</u>	<u>(50 – 55)</u>	<u>(55 – 60)</u>	<u>(60 – 65)</u>	<u>(65 – 70)</u>	<u>(Above 70)</u>	
Above A	0	0	0	0	0	0	0
A – AB	0	0	0	0	0	0	0
AB – B	0	0	0	0	0	0	0
Below B	0	0	0	0	0	0	0
C	0	0	0	0	0	0	0
Totals	0	0	0	0	0	0	0

Based on the above survey count and the Hanford Reach Fall Chinook Protection Program Agreement, the Initiation of spawning has not occurred for either zone below or above the 50 kcfs elevation.

No redds were counted during last year's October 16 redd count.

The next redd count will occur on October 22, 2006 and will require a USGS gauging station flow of about 36 kcfs.

Please contact me if you have any questions.

(VBReddCountM.doc)

c: Don Anglin  
Bill Berry  
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